

W9JP

INDIANAPOLIS RADIO CLUB INC.

Founded 1914

1355 East 56th Street  
Indianapolis, Ind. 46220

## INDIANAPOLIS RADIO CLUB NEW LETTER

APRIL 10, 1972

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SPECIAL PROGRAM: Friday April 14th Color Slide & Tape Show "The 1st 30 Years of Ham Radio. Antique Radio gear etc. produced by ARRL. Lets see how the old timers got on the air! ....way back when?"

COMING PROGRAMS: Friday April 28th Possible visit & tour of Indpls Police Dept Radio May 12th & May 26th Open

Friday June 9th "The New ARRL Headquarters Building" and some of the ARRL functions and depts in action. An ARRL Slide & Tape Show.

MEETING IRC meets the 2nd and 4th Fridays each month at 8:00 PM in the United  
PLACE Christian Mission Bldg. 222 S. Downey Ave (5800 E. on Washington & south)  
Visitors Welcome! Refreshments served after meeting.

HAMFEST: April 16th Anderson, Ind. will have the annual Hamfest listen on 2 FM

Hamvention: Dayton Hamvention April 22nd at Wampler's Dayton Hara Arena.

SCIENCE Alvey Pittman W9EL was a judge of the Science Fair at Butler March 23-25  
FAIR and awarded the Club certificate on workmanship to Tom Chance who brought his crystal radio and amplifier and explained it after Hanks talk.

PHONE Rose Ellen Bills WA2FGS is looking for a phone patch sked into Indianapolis  
PATCH her nephew & family live here, their number is 283-2861 ask for Jeanne or  
WANTED Jack. Rose Ellen is Secretary of ARNS (Amateur Radio News service) an organization of Ham Radio Club paper Editors. They have a net on Sat. mornings at 11:00 AM on 14.295

NEWS: UNDER GROUND RADIO EQUIPMENT SEIZED "Radio Free Naptown" equipment was confiscated from a Broad Ripple residence March 25th by FCC agents and local police. A week earlier other gear from a second relay station at 38th and Pennsylvania St. was also seized.

REPEATERS The new repeater WB9RAI is on the air 146.10 in 146.70 out, after a few  
VHF - FM problems with a capacitor and some other debugging it is operating in good shape and has a good range.

Ron Cooper WB9DKL has a new Regency HR2A and can be heard on 2FM.  
W9KPN is on 2FM from the IPD radio transmitter site, be careful the FUZZ is listening on .94/.94.

IND. Bob Caskey W9DNQ is still working at the Indiana School for the blind  
BLIND with students at their Ham Radio Club ...W9JPX. Bob W9DNQ, Don WA9WUV and  
SCHOOL Gene W9WTQ were on hand Wed. evening March 29th on 2 FM .94 to demonstrate MOBILE radio and show the boy's and gal's a good time. Several students are working for their tech license. Keep up the good work Bob.....

MEMBERSHIP We are enclosing your 1972 membership cards with this Newsletter, they  
CARDS are a little late due to QRM from the printer. Present paid up members total 57 let keep up the good work.

continued.....



- DON K9LNT Do you remember Don Steinbarger K9LNT? Don is in the AirForce and has been in Europe for 4 years and is now stationed in So. Dakota. He is an air traffic controller. His call was DL4NC and operates all Drake R4A - T4X - L4B and a tri-band beam. He recently flew into St. Louis and picked-up a new Corvett at the factory and will install a 2 FM ri in the near future. He worked one east coast station regularly on 80 SSB at 6 PM EST and he was always S-9+++ a full size 3 El 80 Meter beam at 125 Ft. sure does help....he always closed the band.
- W9EL IN EUROPE Alvey Pittman W9EL left Tuesday April 4<sup>th</sup> at 2:30 PM for a six week trip to Rome, Italy and will try to contact some of the Ham Clubs in Rome. Keep an ear open someone may be able to work Alvey as DX..... How about a worked Alvey in Europe DX contest??
- RADIO TOWER AVAILABLE An excellent 64 Ft. heavy duty commercial self-supporting radio tower less than 2 years old is yours for the taking down and cutting off base supports in concrete and leveling the gravel in the immediate area. It is approx 24" across at the base, triangular 8 sections each tapers and is not a swing over. Call Bob Osterhous W9PSE 255-1522 for details.
- W9GAR Perry An old friend of the club Perry Wefler now W7IWQ is a non-resident member of the club and is living at 2611 N. 43rd Ave. Apt #1. Phoenix, Arizona
- SAVE ON QST QST - ARRL Membership goes up to \$7.50 after July 1st. You can renew for any number of years at \$6.50 until then.....so renew now and save!
- JIM W9CKB RETIRES March 31 st, Jim Sugioka W9CKB retired from his position of manager of services and material for the United Christian mission. Jim has helped us with many things and especially arranging for our meeting place. We all look forward to seeing more of him on the air and at meetings.
- PROGRAM REVIEW "HOW TO MAKE PRINTED CIRCUIT BOARDS" presented by Hank Wolfla K9LZJ March 24<sup>th</sup> was an outstanding program for those who attended. It is true seeing is believing and Hank did just that - He went thru the whole process and explained each step as he finished a board in about 20 min. By using a Kepro Etched circuit kit is is easy to make several contact type printed boards at a reasonable cost..\$4.00 to \$6.00 for epoxy boards which are the best quality. Basic photo processes can be used and the original louout can be 2X or 4X thus when reduced better detail is obtained especially for IC connections etc. Hank used Cool-Amp a silver plate power mixed with water and rubbed it onto the finish the board giving it that professional look. It is easier to solder to this silver plated board and it tends to resist corosion etc. If you have never tried a circuit board now is the time if you saw this demonstration you would probably build all of your gear on PC boards. Hank did suggest the most important thing was to have all your components on hand so you know exactly how long each part will be to provide proper layour etc. The hardest part is how to get all the wires where they go with our crossing but with a little practice he assures us it can be done. He showed several projects and the most interesting was a 6 meter FM receiver with 3 IC's on a PC board this can be revised for 2 meters and could make a fine club project.
- FOR SALE 2 Meter FM Motorola Mobile 2 Freq (.94/.94 & .16/.76)  
6 Meter FM Motorola Mobile T-51GGV 50 Watt  
6 Meter FM Motorla Base 110 V. Uni-Channel  
(mobile just taken from car in good working order)  
Call Bob Osterhous W9PSE 255-1522